

Recombinant Human SEMA3C Protein

Catalog #	Source	Reactivity	Applications
CRP2255	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human SEMA3C Protein is produced by our Mammalian expression system and the target gene encoding Gly21-Ser738 is expressed with a 6His tag at the C-terminus.

Form Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

Gene Symbol SEMA3C

Alternative Names SEMAE; Semaphorin-3C; Semaphorin-E; Sema E

Entrez Gene 10512 (Human)

SwissProt Q99985 (Human)

Purity Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.

Chemical Structure GSSQPQARVY LTFDELRETK TSEYFSLSHH PLDYRILLMD EDQDRIYVGS KDHILSLNIN NISQEALSVF WPASTIKVEE CKMAGKDPHT GCGNFVRVIQ TFNRTHLVVC GSGAFSPVCT YLNRGRSED QVFMIDSKCE SGKGRCSFNP NVNTVSVMIN EELFSGMYID FMGTDAAIFR SLTKRNAVRT DQHNSKWLSE PMFVDAHVIP DGTDPNDAKV YFFFKEKLT DNNRSTKQIHS MIARICPNDT GGLRSLVNKW TTFLKARLVC SVTDEDGPET HFDELEDVFL LETDNPRTTL VYGIFTTSS VFKGSAVCVY HLSDIQTVFN GPFAHKEGPN HQLISYQGRI PYPRPGTCPG GAFTPNMRTT KEFPDDVVT IRNHPLMYS IYPIHKRPLI VRIGTDYKYT KIAVDRVNAA DGRYHVLFLG TDRGTVQKVV VLPTNNSVSG ELILEELEV KNHAPITTMK ISSKKQQLYV SSNEGVSQVS LHRCHIYGTA CADCCCLARDP YCAWDGHSCS RFYPTGKRRS RRQDVRHGPN LTQCRGFNLK AYRNAAEIVQ YGVKNNTTFL ECAPKSPQAS IKWLLQKDKD RRKEVKLNER IIATSQGLLI RSVQGSDQGL YHCIATENSF KQTIKINFK VLDSEMVAVV TDKWSPWTWA SSVRALPFHP KDIMGAFSHS EMQMINQYCK DTRQQHQQGD ESQKMRGDYG

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

KLKALINSVD HHHHHH

Quality Control

Endotoxin: Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test.

Directions for Use

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C , though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at $2-8^{\circ}\text{C}$ for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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